

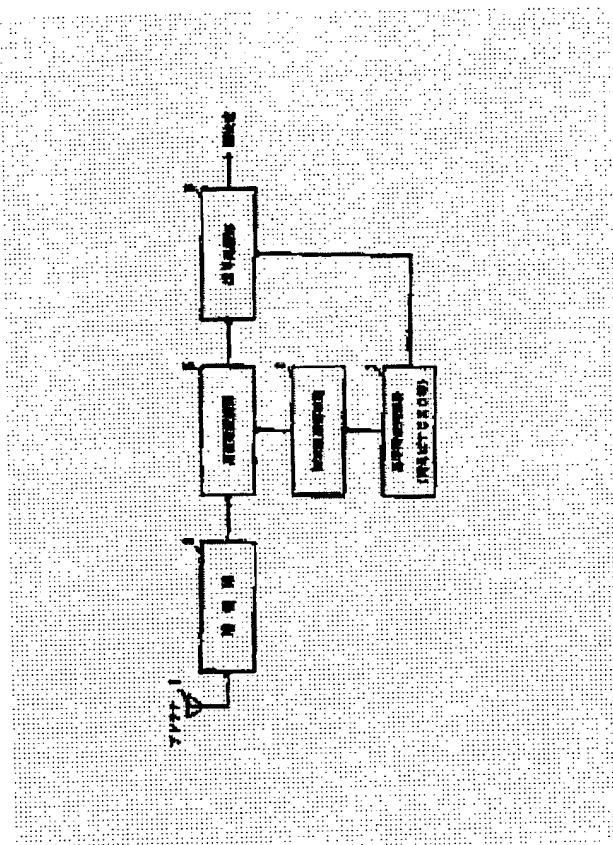
**GPS RECEIVER**

**Patent number:** JP4326079  
**Publication date:** 1992-11-16  
**Inventor:** OZAKI YOSHITAKA; others: 01  
**Applicant:** NIPPONDENSO CO LTD  
**Classification:**  
- International: G01S5/14  
- european:  
**Application number:** JP19910096545 19910426  
**Priority number(s):**

**Abstract of JP4326079**

**PURPOSE:** To shorten the time till the catching of a satellite radio wave and to rapidly start the measurement of a position by calculating the Doppler quantity of the satellite radio wave due to the motion of an artificial satellite and altering search frequency on the basis of said Doppler quantity.

**CONSTITUTION:** The transmission radio waves from a plurality of artificial satellites are received by an antenna 1 and converted in frequency in a frequency converting part 5. In a signal processing part 6, search frequency is set on the basis of the reference frequency from a reference frequency oscillator 3 and the Doppler quantity of satellite radio waves due to the motion of the artificial satellites to a receiver is calculated and the search frequency is altered on the basis of the calculated Doppler quantity. The receiving processing of the receiving signal converted in the frequency converting part 5 on the basis of the altered search frequency.



---

Data supplied from the **esp@cenet** database - Patent Abstracts of Japan